

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1.-3. (Cancelled)

4. (Currently Amended) Screen printing apparatus comprising:

(a) a positioner for positioning a substrate relative to a mask plate having a pattern hole;

(b) a fill-in detector for three dimensionally determining an extent to which said hole is filled with solder;

(c) a print-condition correction unit for modifying printing on said substrate using said mask based on said determined extent.

5.-7. (Cancelled)

8. (Currently Amended) A method of screen printing, said method comprising the steps of:

(a) detecting a position of a mask plate having a pattern hole relative to a substrate;

(b) three dimensionally determining an extent to which said hole is filled with paste; and

(c) modifying printing on said substrate using said mask based on said determined extent.

9. (Original) A method of screen printing as defined in claim 8, wherein printing is modified by changing a speed at which a squeegee is slid on said mask, and an amount of pressure with which the squeegee is urged against the mask plate.

Appln. No.: 10/600,312
Amendment Dated: June 29, 2004
Reply to Office Action of: May 11, 2004

MAT-8160US1

10. (Cancelled)